RESOUNDIFY

RAI-TB

Intelligent audio video tracking box

PRODUCT OVERVIEW

The **Resoundify AIVIS-MT100** is a high-performance AI Audio-Visual Tracking Box developed by AI-Speech, designed to deliver intelligent and seamless tracking for modern conferencing environments. Compact and easy to deploy, it is ideal for enterprise meeting rooms, training centers, university lecture halls, and other professional venues. Equipped with advanced AI image processing technologies—including face recognition, body posture recognition, and image stitching—the MT100 ensures precise and dynamic visual tracking. When integrated with AI-Speech's high-end ceiling microphones, its DOA (Direction of Arrival) technology accurately locates speakers' voices and synchronizes with multiple PTZ cameras to automatically track participants and their movements in real time. Supporting up to six cameras simultaneously and unlimited ceiling microphones, the MT100 provides a high-definition, low-latency audio-visual experience that enhances both local and hybrid conference scenarios.

KEY FEATURES

- Supports linkage with the spatial DOA capabilities of AI-Speech high-end ceiling microphones to precisely capture close-up shots of the speaker.
- Supports a WEB UI configuration interface, facilitating easy control of multiple video. streams and supporting the configuration of preset point screens and panoramic screens.
- Incorporates an AI intelligent screen scheduling algorithm for real-time adjustment of the output screen.
- Supports 1 USB3.0 video output with a maximum support of 4KP30.
- Supports 6 network inputs and 1 HDMI IN interface input, and provides support for HDMI OUT, USB, and LAN interface outputs.
- USB3.0 supports H.264/H.265/MJPEG video encoding and is compliant with UAC/UVC protocols.
- HDMI supports a maximum resolution of 4KP30.

APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

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TECHNICAL SPECIFICATIONS

System Specifications

Resolution	Maximum Support for 4K @ 30fpsOutput
Video Compression	H.265/H.264/MJPEG
Audio Interface	1LINE IN (3.5MM)(Reserved), 1LINE OUT（3.5MM） （Reserved）
Video Input	Maximum support for 4K @ 30fps input
Video Output	Maximum support for 4K @ 30fps output
Video Switching	Built-in AI algorithm, supports automatic video switching
HDMI Interface	1 HDMI-IN（Reserved）； 1 HDMI-OUT (supports audio output）； Output video resolution：4KP30；1080P30/25；720P30/25；640*480P30/25
USB Interface	1 USB2.0 Host（Reserved）； 1 USB3.0 Device，USB3.0 compatible with USB2.0：
Network Interface	1 RJ-45, 10M/100M adaptive Ethernet port, standard PoE； Supports WEB UI configuration and video preview。
TF Card	1 external Micro SD card, up to 256GB
Power	DC 12V
Operating Temperature	0°C ~ + 40°C
Storage Temperature	-20°C ~ +40°C
Dimensions	119 mm×104 mm×29mm
Weight	0.2KG